

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)  
Interactive Presentations - IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (IP)

Author: Mr. MUSA MUSA  
Space Generation Advisory Council (SGAC), Tanzania, United Republic of

HOW THE USE OF KILIMANJARO MOBILE PLANETARIUM AND TELESCOPES IS HELPING  
STUDENTS IN UNDERSERVED AREAS OF TANZANIA TO LOVE SCIENCE.

**Abstract**

Since its establishment in 2022, the Kilimanjaro Planetarium has been an inspirational in bringing Space education to Tanzania. We've reached out to more than 20,000 students in different parts of the country, sparking their interest in science and encouraging them to pursue exciting Science careers. Our unique approach involves taking our Kilimanjaro mobile planetarium to remote Schools, introducing students to the wonders of space through planetarium shows and stargazing experiences.

What sets us apart is our innovative use of the Kilimanjaro mobile planetarium. This technology creates an immersive experience for participants, allowing them to feel like they're journeying through space. In these remote regions, where access to such experiences is limited, our program opens up a whole new world. Students get to gaze at the moon, stars, planets, and galaxies, igniting a deep curiosity about the mysteries of the universe. The impact of our program is tangible, with more than 13,000 students expressing their dreams of becoming astronauts, space engineers, astronomers, pilots, and various other scientific roles.

The Kilimanjaro Planetarium is more than just an educational initiative; it's a bridge connecting underprivileged regions to the captivating realms of space science. By instilling a love for science and nurturing aspirations for significant scientific careers, our program is playing a big role in shaping a new generation of scientists and ambitious individuals in Tanzania. Our goal is to attract more youth to the exciting fields of Science, Technology, and Innovation. We plan to expose 100,000 students in Space Science in the next 3 years.

In essence, our initiative is not just about teaching astronomy; it's about transforming lives and creating opportunities. We're proud to contribute to the emergence of a new wave of scientists who will lead Tanzania into a future fueled by curiosity, innovation, and a passion for exploration. The Kilimanjaro Planetarium is not just a planetarium; it's a catalyst for dreams and a beacon guiding the way towards a brighter, scientifically enriched future for the youth of Tanzania and Africa at large.